

FIG. 1

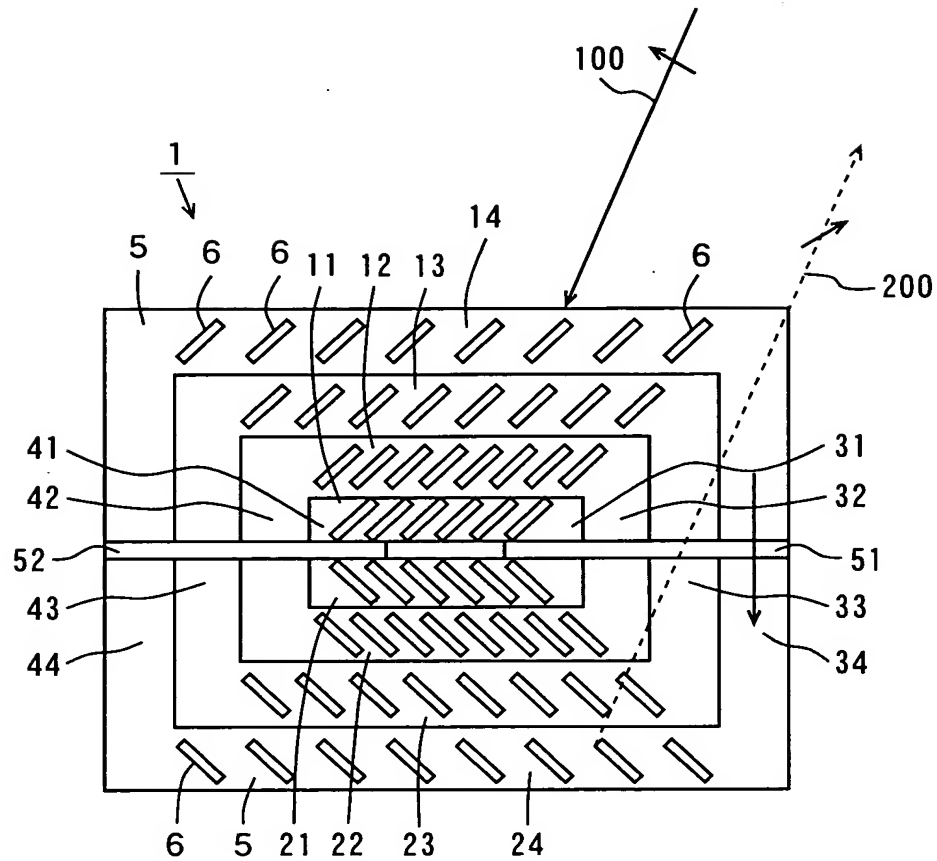
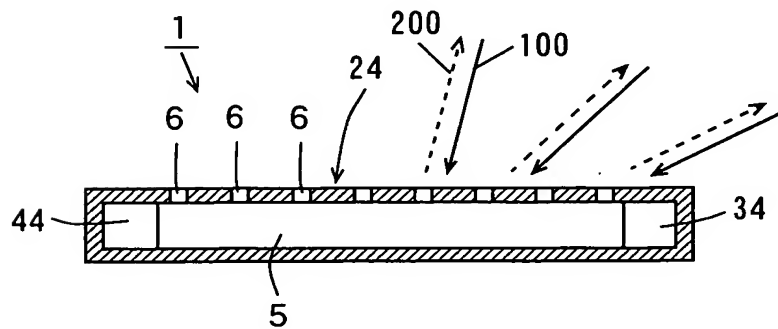


FIG. 2



A schematic diagram of a linear array of transducers. The array consists of a series of rectangular elements mounted on a horizontal bar. The leftmost element is labeled '11' with an arrow pointing to it. The other elements are labeled '6'. A point on the bar is labeled '5'. A fan-shaped region originates from point '5', with an angle labeled Ω . The total length of the array is labeled 'L'. The width of the elements is labeled 'w', and the distance between them is labeled 'd'.

Figure 1 is a schematic diagram of a multi-layered structure 5. The structure consists of a central core 6, which is a horizontal layer 11. Above and below the core are regions 12, 13, and 14, each containing diagonal hatching. The entire structure is enclosed in a frame 5. A horizontal line 52 passes through the center. Various other labels (41, 42, 43, 44, 31, 32, 33, 34, 21, 22, 23, 24) point to different layers and components. A dimension L is indicated at the top.

FIG. 7

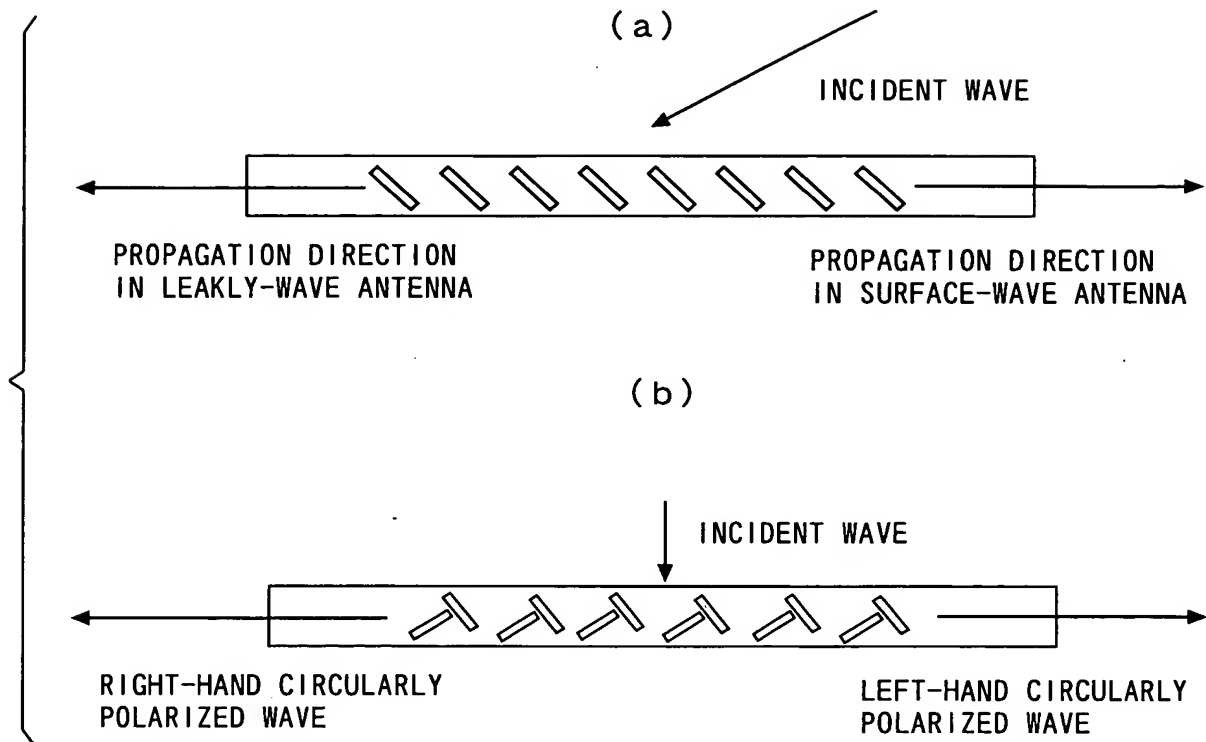


FIG. 8

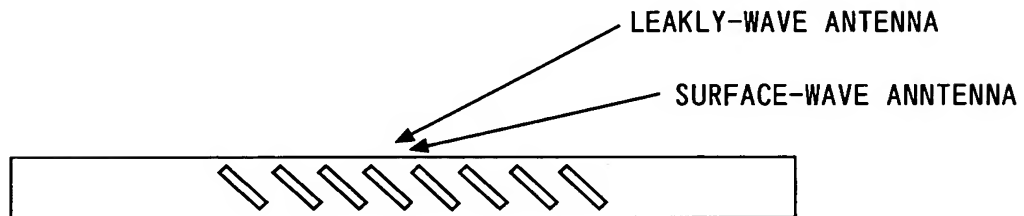
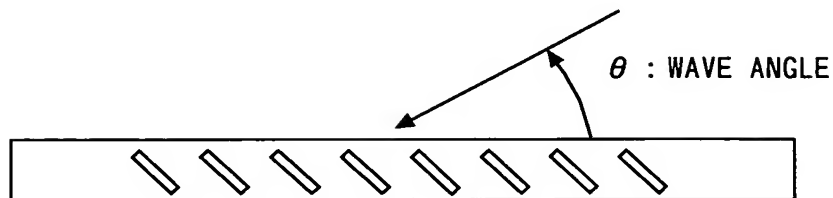


FIG. 9

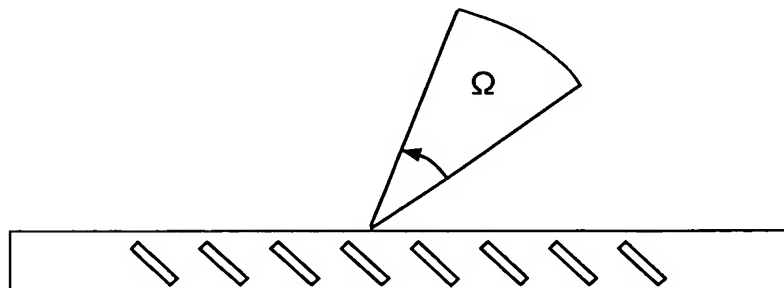


FIG. 10

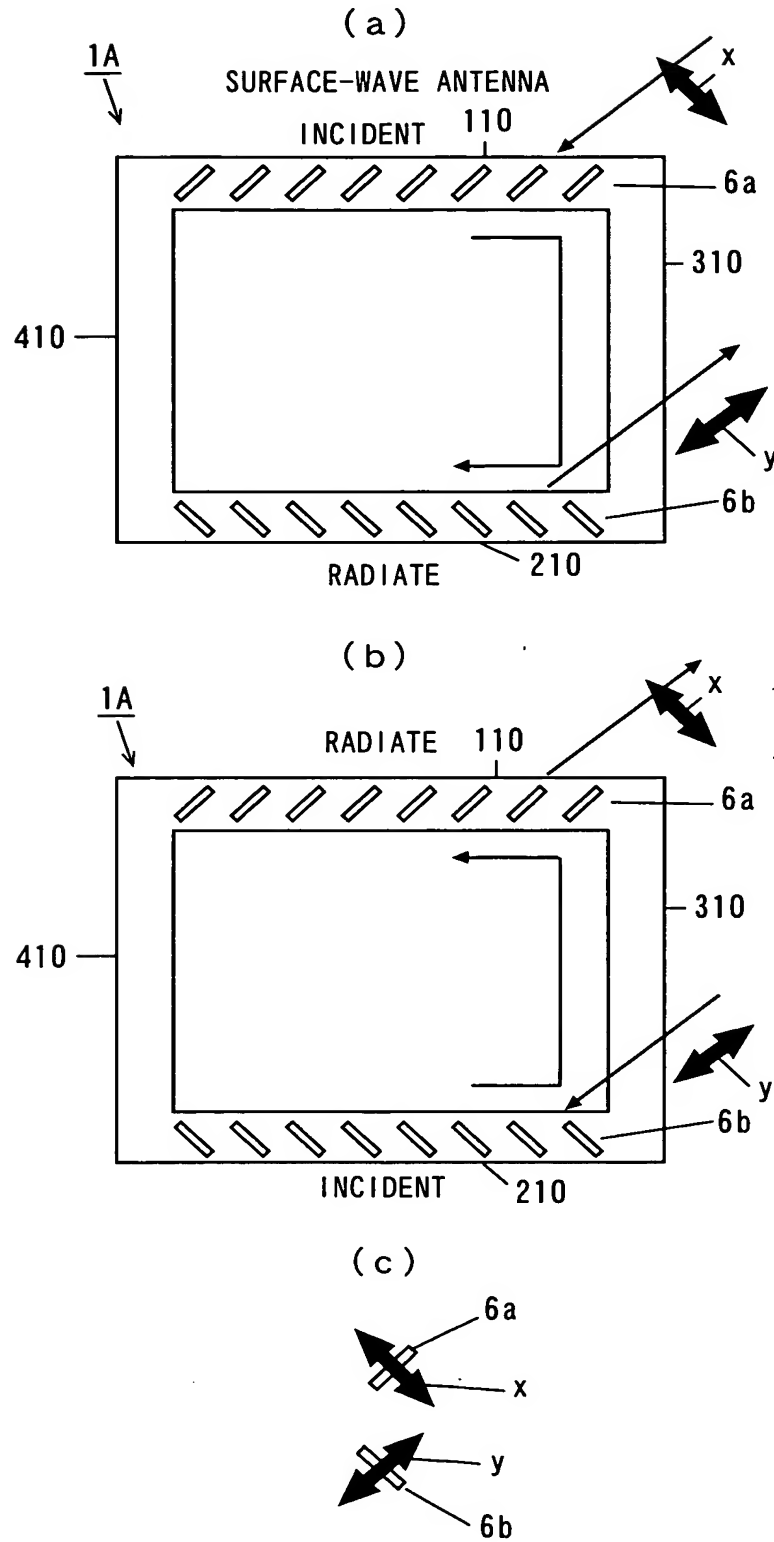


FIG. 11

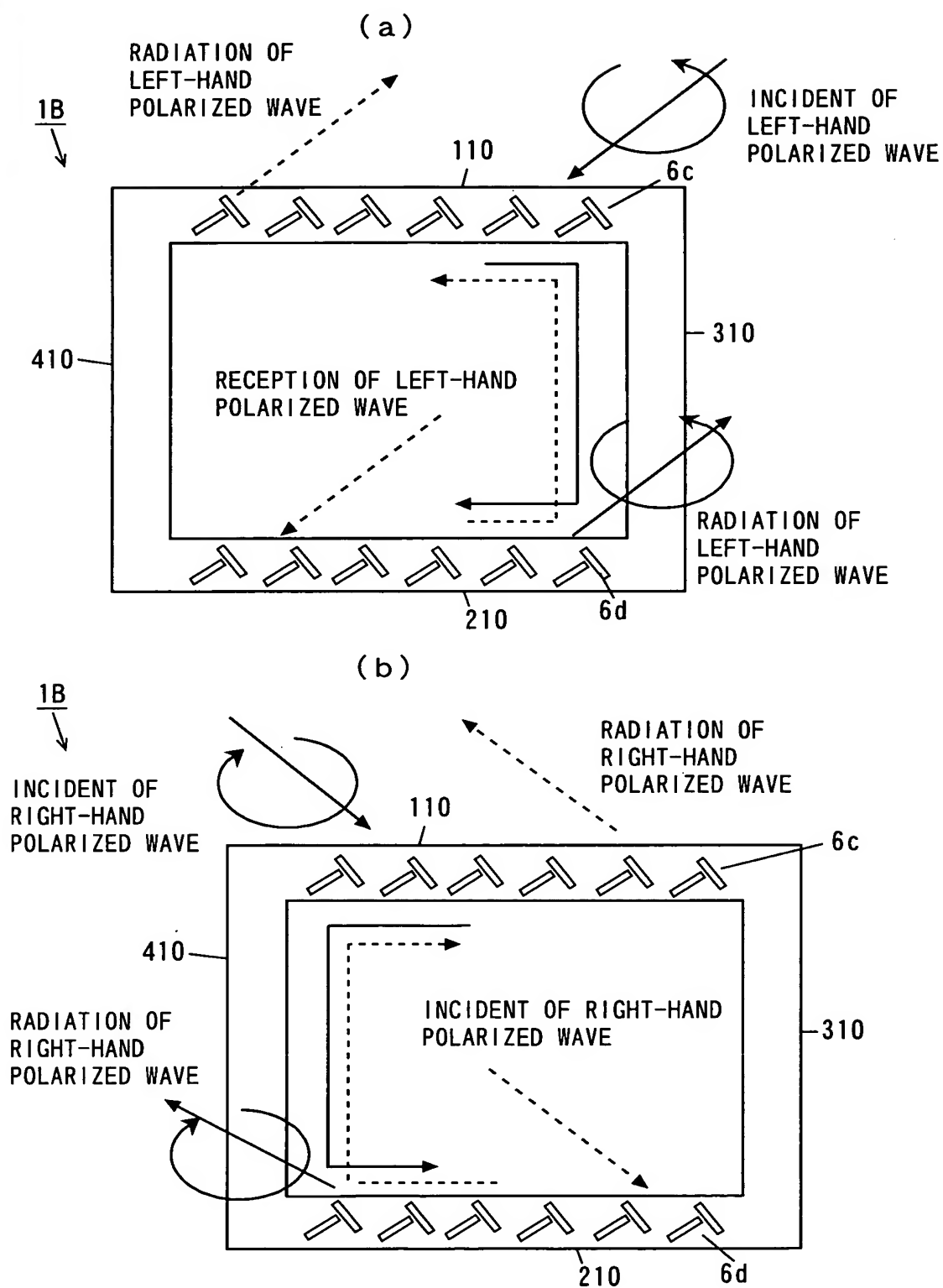


FIG. 12

